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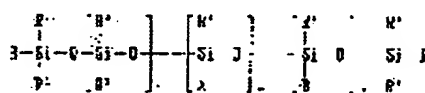
(21)Application number : 08-218855 (71)Applicant : KAO CORP
 (22)Date of filing : 20.08.1996 (72)Inventor : YAMADA ISAO
 SHIGEMATSU KUNIYOSHI
 TERANISHI FUTOSHI

(54) LIQUID DETERGENT COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a liquid detergent composition, having the moderate detergency for the so-called fancy wear and capable of further imparting excellent touch feeling and dimensional stability thereto by blending a specific amino-modified silicone derivative with plural surfactants.

SOLUTION: This liquid detergent composition comprises (A) 0.05-5wt.% amino-modified silicon derivative represented by formula I [(I) is 100-600; (m) and (n) are each a number so as to provide (l):(m)=(100:1) to (10:1); (m):(n)=(1:10) to (10:1); R is a 1-4C alkyl, etc.; R1 is a 1-4C alkyl; A is represented by formula II, etc., [(a) is 2-6; R2 is H or a 1-4C alkyl; (p) is 1-6; (q) is 1-20; (r) is 0-20; R3 is a 1-18C alkyl]; B is (CH₂)_a-O-(C₂H₄)_x-(C₃H₆)_y-R₄ [(x) is 1-20; (y) is 0-20; R₄ is a 1-10C alkyl] or R1] and (B) 5-70wt.% surfactant containing (i) 95-75wt.% nonionic surfactant represented by formula III [R1 is an 8-18C alkyl, etc.; R2 is a 2-4C alkyl; R3 is H, methyl, etc.; (n) is the number of mol of an added alkylene oxide] and (ii) 5-15wt.% nonionic surfactant, represented by formula IV (R₄ is R1; R₅ is R3) and having 7-10 value of hydrophile-lipophile balance (HLB) and * 4wt.% content of a compound in which (n) is 0 and the number of mol of the compound having the highest content (n_{max}) satisfies formula V. The weight ratio of the ingredients A:B is (1:100) to (1:5).



$$\sum_{i=1}^{n_{\text{max}}} V_i \geq 60\%$$